

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A concentrator connected to a network, comprising:

(a) a terminal interface to which a terminal is connected;

(b) a line interface connected to said network;

(c) a communication function unit for controlling ~~at least~~ a voice signal and an IP packet ~~input/output intransmitted through~~ said terminal interface and said line interface;

(d) a conversion unit for converting said IP packet ~~and to~~ said voice signal ~~to each ether and for converting said voice signal;~~

(e) ~~a memory for storing an IP address of said concentrator, a determining unit for determining whether or not said terminal connected to said terminal interface is capable of IP communication, wherein~~

~~(i) if said determining unit determines that said terminal is capable of IP communication, said IP packet input from said line interface is outputted to said terminal interface, and said IP packet input from said terminal interface is outputted to said line interface; and~~

~~(ii) if said determining unit determines that said terminal is not capable of the IP communication, the IP packet input from said line interface is converted to said voice signal by said conversion unit and outputted to said terminal interface, while said voice signal input from said terminal interface is converted to said IP packet and outputted to said line interface; and~~

(f) a connection establishing unit for establishing a connection between said terminal and another terminal connected to said network, by allowing said communication function unit to transmit ~~to said network~~ an IP datagram including ~~the~~ an IP address of said concentrator to ~~said network and said IP packet.~~

2. (Cancelled)

3. (Currently Amended) The concentrator of claim 21,

wherein when said terminal connected to said terminal interface is a standard telephone, it is determined that said terminal is not capable of IP communication.

4. (Currently Amended) The concentrator of claim 3,

wherein by receiving ~~a dialing of the standard telephone as an~~ IP address of a call destination from said standard telephone, the connection to a terminal having the IP address of the call destination is established.

5. (Original) The concentrator of claim 4,

wherein when the connection is established, said concentrator transmits the IP datagram including the IP address of said concentrator to the terminal having the IP address of the call destination.

6. (Original) The concentrator of claim 2,

wherein when said terminal connected to said terminal interface is a computer, it is determined that said terminal is capable of an IP communication.

7. (Original) The concentrator of claim 6,

wherein said concentrator allows an IP datagram transmitted from said computer pass as it is, to a terminal having an IP address designated by said computer.

8. (Currently Amended) The concentrator of claim 7,

wherein when said computer establishes a connection, said concentrator transmits an IP datagram including said IP address which is an IP address of said computer to asaid another terminal having said IP address designated by said computer.